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ring bonds:
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exact/norm bonds:
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Match level:
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chain nodes :

ring nodes :

1 2 3 8 9 12 13 14 15 27

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NEWS 3 Jan 29
                 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01
                 DKILIT now produced by FIZ Karlsruhe and has a new update
                 frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22
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instead.
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NEWS 13 Apr 09
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IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
NEWS 17
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NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19
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NEWS 20 Jun 10 MEDLINE Reload
         Jun 10
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NEWS 21
NEWS 22 Jul 02
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              AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
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=> select rn 1- l1 E1 THROUGH E94 ASSIGNED

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 2.11 2.32

FULL ESTIMATED COST

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TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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71 ANSWERS REGISTRY COPYRIGHT 2002 ACS L3

L-Tyrosine, N-[2-[methyl[2-(4-pyridinyl)ethyl]amino]-3,4-dioxo-1-cyclobuten-1-yl]-, methyl ester, dimethylcarbamate (ester) (9CI) C25 H28 N4 O6 IN

MF

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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L4 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 274927-02-5 REGISTRY

CN L-Phenylalanine, N-[2-[hexyl(2-naphthalenylmethyl)amino]-3,4-dioxo-1-cyclobuten-1-yl]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C30 H32 N2 O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

## Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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- 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L4 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN **274927-01-4** REGISTRY

CN L-Phenylalanine, N-[2-[hexyl(2-naphthalenylmethyl)amino]-3,4-dioxo-1-cyclobuten-1-yl]-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C31 H34 N2 O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L4 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN **274926-92-0** REGISTRY

CN L-Phenylalanine, N-[2-[[2-(1H-indol-3-yl)ethyl]amino]-3,4-dioxo-1-cyclobuten-1-yl]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C23 H21 N3 O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 2 REFERENCES IN FILE CA (1967 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L4 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN **274926-91-9** REGISTRY

CN L-Phenylalanine, N-[2-[[2-(1H-indol-3-yl)ethyl]amino]-3,4-dioxo-1-cyclobuten-1-yl]-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C24 H23 N3 O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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- 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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SINCE FILE

TOTAL

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SESSION 22.54

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100.0% PROCESSED 10497 ITERATIONS SEARCH TIME: 00.00.03

466 ANSWERS

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L6 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2002 ACS
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RN 389637-11-0 REGISTRY

CN L-Phenylalanine, 4-[(1-methyl-1H-benzimidazol-2-yl)amino]-N-[2-(1-methylethoxy)-3,4-dioxo-1-cyclobuten-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H28 N4 O5

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 Al 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

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BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

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L6 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-08-5 REGISTRY

CN L-Phenylalanine, N-[2-(diethylamino)-3,4-dioxo-1-cyclobuten-1-yl]-4-(thieno[2,3-d]pyrimidin-4-ylamino)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C23 H23 N5 O4 S

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing a

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

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BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

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AU 2001067753 A5 20020121 AU 2001-67753 20010705

L6 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-07-4 REGISTRY

CN L-Phenylalanine, N-[2-(diethylamino)-3,4-dioxo-1-cyclobuten-1-yl]-4-(thieno[2,3-d]pyrimidin-4-ylamino)-, ethyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C25 H27 N5 O4 S

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing a

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BR,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

PATENT	NO.	KIND	DATE		APPL	ICATI	o. 	DATE				
PI WO 2002	004426	A1	20020117		WO 2	001-G	8 .	20010705				
W:	AE, AG	, AL, AM	, AT, AU,	ΑZ,	BA, BB	, BG,	BR,	BY,	BZ,	CA,	CH,	CN,
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	GM, HR	, HU, ID	, IL, IN,	IS,	JP, KE	, KG,	KP,	KR,	ΚZ,	LC,	LK,	LR,
	LS, LT	, LU, LV	, MA, MD,	MG,	MK, MN	, MW,	MX,	MZ,	NO,	NZ,	PL,	PT,
	RO, RU	, SD, SE	, SG, SI,	SK,	SL, TJ	, TM,	TR,	TT,	TZ,	UA,	UG,	US,
	UZ, VN	, YU, ZA	, ZW, AM,	AZ,	BY, KG	, KZ,	MD,	RU,	ТJ,	TM		
RW:	GH, GM	, KE, LS	, MW, MZ,	SD,	SL, SZ	, TZ,	UG,	ZW,	AT,	BE,	CH,	CY,
	DE, DK	, ES, FI	, FR, GB,	GR,	IE, IT	, LU,	MC,	NL,	PT,	SE,	TR,	BF,
	BJ, CF	, CG, CI	, CM, GA,	GN,	GW, ML	, MR,	ΝE,	SN,	TD,	TG		

AU 2001067753 A5 20020121 AU 2001-67753 20010705

. . . . .

L6 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-06-3 REGISTRY

CN L-Phenylalanine, N-[2-(1-methylethoxy)-3,4-dioxo-1-cyclobuten-1-yl]-4-(thieno[2,3-d]pyrimidin-4-ylamino)-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C23 H22 N4 O5 S

SR CA

BR,

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing a

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION:

WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

	PATENT NO			KI	ND	DATE		APPLICATION NO. DATE										
PI				A1 20020117				WO 2001-GB3028 20010705										
	W:	ΑE,	ΑG,	ΑL,	AM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	ΒZ,	CA,	CH,	CN,	
		co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	ΚP,	KR,	ΚZ,	LC,	LK,	LR,	
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,	
		RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,	
		UZ,	VN,	YU,	ZA,	ZW,	AM,	AZ,	BY,	KG,	ΚZ,	MD,	RU,	ТJ,	TM			
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,	
						FR,												
						CM,												

AU 2001067753 A5 20020121 AU 2001-67753 20010705

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L6 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-05-2 REGISTRY

CN L-Phenylalanine,

4-[(1-methyl-1H-benzimidazol-2-yl)amino]-N-[2-(2-methyl-1-piperidinyl)-3,4-dioxo-1-cyclobuten-1-yl]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C27 H29 N5 O4

20001121.

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha:

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BR,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364

PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_\_ \_\_\_\_\_ WO 2002004426 A1 20020117 WO 2001-GB3028 20010705 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,

RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2001067753 A5 20020121 AU 2001-67753 20010705

L6 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-04-1 REGISTRY

CN L-Phenylalanine,

N-[2-(2,5-dimethyl-1-pyrrolidinyl)-3,4-dioxo-1-cyclobuten-1-yl]-4-[(1-methyl-1H-benzimidazol-2-yl)amino]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C27 H29 N5 O4

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 Al 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BR,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2001067753 A5 20020121 AU 2001-67753 20010705

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L6 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2002 ACS
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RN 389637-03-0 REGISTRY

CN L-Phenylalanine, N-[2-(dipropylamino)-3,4-dioxo-1-cyclobuten-1-yl]-4-[(1-methyl-1H-benzimidazol-2-yl)amino]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C27 H31 N5 O4

SR CA

BR,

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1967 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 Al 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

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PATENT NO.
                         KIND DATE
                                                  APPLICATION NO. DATE
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                                                  WO 2001-GB3028
                                                                       20010705
PΙ
     WO 2002004426
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               CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
               GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
               LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
               RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
               UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 2001067753
                          A5
                               20020121
                                                  AU 2001-67753
                                                                      20010705
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L6 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-02-9 REGISTRY

CN L-Phenylalanine,

4-[(1-methyl-1H-benzimidazol-2-yl)amino]-N-[2-(2-methyl-1-piperidinyl)-3,4-dioxo-1-cyclobuten-1-yl]-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C28 H31 N5 O4

SR CA

BR,

20001121.

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing a

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha;

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364

PATENT NO. KIND DATE APPLICATION NO. DATE --**---**ΡI WO 2002004426 **A**1 20020117 WO 2001-GB3028 20010705 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
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BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2001067753
A5 20020121
AU 2001-67753
20010705

L6 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 389637-01-8 REGISTRY

CN L-Phenylalanine,

N-[2-(2,5-dimethyl-1-pyrrolidinyl)-3,4-dioxo-1-cyclobuten-1-yl]-4-[(1-methyl-1H-benzimidazol-2-yl)amino]-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C28 H31 N5 O4

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha:

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 A1 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BR,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364 20001121.

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2002004426 A1 20020117 WO 2001-GB3028 20010705

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,

RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2001067753 A5 20020121 AU 2001-67753 20010705

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L6 ANSWER 10 OF 12 REGISTRY COPYRIGHT 2002 ACS
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RN 389637-00-7 REGISTRY

CN L-Phenylalanine, N-[2-(dipropylamino)-3,4-dioxo-1-cyclobuten-1-yl]-4-[(1-methyl-1H-benzimidazol-2-yl)amino]-, methyl ester (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C28 H33 N5 O4

SR CA

BR,

20001121.

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:118460 Preparation of squaric acid derivatives containing

bicyclic heteroaromatic ring as integrin antagonists. Langham, Barry John; Alexander, Rikki Peter; Head, John Clifford; Linsley, Janeen Marsha:

Porter, John Robert; Archibald, Sarah Catherine; Warrellow, Graham John (Celltech R & D Limited, UK). PCT Int. Appl. WO 2002004426 Al 20020117, 58 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-GB3028 20010705. PRIORITY: GB 2000-16785 20000707; GB 2000-28364

	PATENT NO.  WO 2002004426			KI	ND	DATE			APPLICATION NO. DATE									
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			co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
			GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	ΚZ,	LC,	LK,	LR,
			LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,
			RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,
			UZ,	VN,	YU,	ZA,	ZW,	AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,	ТJ,	TM		
		RW:	GH,	GM,	ΚE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,
			DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	TR,	BF,
			ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GW,	ML,	MR,	NE,	SN,	TD,	TG		
	AU 2001067753				A5 20020121					AU 2001-67753 20010705								

L6 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 161886-87-9 REGISTRY

CN 3-Cyclobutene-1,2-dione,

3-amino-4-[[3-(1H-benzimidazol-2-yl)phenyl]amino]-(9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C17 H12 N4 O2

SR CA

PΙ

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 2 REFERENCES IN FILE CA (1967 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:266311 Preparation of 3-amino-4-anilino-3-cyclobutene-1,2-diones for treating neoplasia. Pamukcu, Rifat; Piazza, Gary A. (Cell Pathways, Inc., USA). U.S. US 6211220 B1 20010403, 8 pp. (English). CODEN: USXXAM. APPLICATION: US 1998-199082 19981123.

PATENT NO. KIND DATE APPLICATION NO. DATE
US 6211220 B1 20010403 US 1998-199082 19981123

REFERENCE 2: 122:214072 Preparation of amino(heterocyclylanilino)-3-cyclobutene-1,2-dione derivatives as cGMP phosphodiesterase inhibitors. Coates, William John; Rawlings, Derek Anthony (SmithKline Beecham PLC, UK). PCT Int. Appl. WO 9429277 Al 19941222, 22 pp. DESIGNATED STATES:

W:

JP, US; RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1994-EP1921 19940607.

PRIORITY: GB 1993-12210 19930614.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9429277 A1 19941222 WO 1994-EP1921 19940607

W: JP, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

L6 ANSWER 12 OF 12 REGISTRY COPYRIGHT 2002 ACS

RN 161886-86-8 REGISTRY

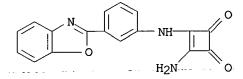
CN 3-Cyclobutene-1,2-dione, 3-amino-4-[[3-(2-benzoxazolyl)phenyl]amino]-(9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C17 H11 N3 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:266311 Preparation of 3-amino-4-anilino-3-cyclobutene-1,2-diones for treating neoplasia. Pamukcu, Rifat; Piazza, Gary A. (Cell Pathways, Inc., USA). U.S. US 6211220 B1 20010403, 8 pp. (English). CODEN: USXXAM. APPLICATION: US 1998-199082 19981123.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 6211220 B1 20010403 US 1998-199082 19981123

REFERENCE 2: 122:214072 Preparation of amino(heterocyclylanilino)-3-cyclobutene-1,2-dione derivatives as cGMP phosphodiesterase inhibitors. Coates, William John; Rawlings, Derek Anthony (SmithKline Beecham PLC, UK). PCT Int. Appl. WO 9429277 Al 19941222, 22 pp. DESIGNATED STATES:

W:

JP, US; RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1994-EP1921 19940607. PRIORITY: GB 1993-12210 19930614.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9429277 A1 19941222 WO 1994-EP1921 19940607

W: JP. US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

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